ROLEC EV CHARGING EQUIPMENT

ROLEC EV

www.applegarth.co.uk

Tel: 0151 649 8350

ROLEC EV

Rolec Services Ltd is one of the world's leading specialists in the design and manufacture of outdoor electrical connection, charging, hook-up and distribution equipment.

Rolec was established in 1990 and presently employs approximately 100 personnel at its new, purpose-built showroom and factory complex. Rolec's product range is now regarded as the largest and most extensive of its kind in the electrical industry and continues to grow via its distribution network of representatives in over 40 countries around the world.

Rolec manufactures over 2000 products, view the website www.rolecserv.com for further details.

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EV CHARGING

EVENTS

MARINAS

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For further details please call 0151 649 8350 or email us at info@applegarth.co.uk

Rolec EV is a division of Rolec Services, specialising over the past 8 years in the design, manufacture and supply of the largest and most comprehensive range of electric vehicle charging pedestals, wall units and stations in Europe.

Rolec's EV and PHEV charging products are compatible with all electric vehicles manufactured today and have been certificated by many of the world's leading EV manufacturers - including Renault, Nissan, Mitsubishi, etc.

Rolec EV holds Europe's largest stocks of EV charging equipment and accessories and has manufactured over 45,000 charging points to date, many of which have been branded to suit corporate client requirements.

Rolec provides EV charging solutions for clients including Jaguar Land Rover, DHL, Barratt Homes, Tesco, AirBus, Sony, the NHS, Hilton, Gatwick Airport, McDonald's, Kia and Nissan, etc…

MANUFACTURED IN THE UK

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WHY CHOOSE ROLEC EV?

We have Europe's largest range of electric vehicle charging solutions.

Our equipment is ideal for:

Domestic
Commercial
On-Street
Free-To-Use
PAYG Applications

The UK Department for Transport predicts that 1 in 5 new cars will be electric by 2020 - that's over 2 million plug-in cars.

Hotels, businesses, supermarkets and councils are among those who will benefit from installing EV charging points in public, private and on-street car parks.

Rolec EV manufactures and holds stock of Europe's largest range of EV charging equipment and accessories and have manufactured over 45,000 charging points in the last three years alone.

Our products are compatible with all current EVs and PHEVs and have been certified by many of the world's leading vehicle manufacturers - including Renault, Nissan, Mitsubishi, BMW, Audi, Hyundai, Kia, Mercedes, Volvo, etc…

EV SmartCharge

EV SmartCharge has been designed to provide a Smart EV charging solution which can monitor and record all EV charging activity and history at a given site and via GPRS or WiFi / ADSL communicate with the Power Portal back office to relay this information to a third party which can then be used for reporting, analysing and preparing statistics.

The EV Driver – can interact with an EV SmartCharge charging point using their Smart phone, to switch on/off and monitor their account and kWh consumption.

EV SmartCharge Charging Units – can be provided as any of Rolec's most popular industry-leading units (e.g. SecuriCharge, AutoCharge, BasicCharge, WallPod, etc.), and as required come complete with built-in modem, Mode 3 controller, MID approved kWh meter, protective switchgear, electrical contactor and GPRS signal antenna.

The Power Portal Back Office – is a cloud-based back office designed to communicate with the EV driver via their mobile phone, the EV SmartCharge unit and the third party management company via OCPP if required.

Smart phone compatible for controlling and monitoring of kWh consumption

EV CHARGE ONLINE – Revolutionising Electric Vehicle Charging

The EV Charge Online system has been designed and developed to enable each and every EV driver to simply pull up to a charge point, and using their mobile phone, tablet or in-car connectivity, log-in to the charge point and pay-as-you-go (PAYG) for its use.

The EV Charge Online system has been designed with both the EV/PHEV driver and the network operator in mind and is therefore not subject to the traditional charging network providers' business models, whose sole aim is to extract as much money as possible from the EV driver and the operator by implementing unnecessary extra charges, such as: Annual Membership Fees/Monthly Subscription Fees/Connection Fees/Licence Fees/etc.

With EV Charge Online there are absolutely no fees. The EV driver simply pays for the vehicle charging cycle.

The EV Charge Online system has also been developed to enable retro-fitting into any existing EV charging point network.

Load Manager

Electricity load management is an optional advanced software feature that can be applied to the EV Charge Online system.

It has been developed as an electricity load management solution for locations requiring multiple EV charging points where the charging points have a higher collective load potential than the electricity supply available to them.

The Future of EV Charging is:

- No Driver Subscription Fees
- No Driver Membership Fees
- No Driver Connection Fees
- No host licence Fees

AutoCharge: EV Pedestal (Free-To-Use)

The AutoCharge: EV Pedestal is a robust, heavy duty, hard wearing pedestal designed and manufactured for both commercial and public facing environments. This versatile future-proof unit is available in 1way or 2way, Type 2, Mode 3 IEC 62196 format, c/w hatchlock facility, built-in overload and fault current protection. Optional keyswitch available.

PRODUCT CODES

- EVPG0010 – 1 x 16amp (3.6kW) Type 2 socket
- EVPG0011 – 1 x 32amp (7.2kW) Type 2 socket
- EVPG0020 – 2 x 16amp (3.6kW) Type 2 sockets
- EVPG0021 – 2 x 32amp (7.2kW) Type 2 sockets
- EVPG0012 – 1 x 16amp, 3 phase (11kW) Type 2 socket
- EVPG0013 – 1 x 32amp, 3 phase (22kW) Type 2 socket
- EVPG0022 – 2 x 16amp, 3 phase (11kW) Type 2 sockets
- EVPG0023 – 2 x 32amp, 3 phase (22kW) Type 2 sockets
- EVPG0025 – 1 x 32amp, 1 phase (7.2kW) and 1 x 32amp, 3 phase (22kW) Type 2 sockets

AutoCharge: EV Pedestal (Coin/Token – PAYG)

The AutoCharge: EV Pedestal (Coin/Token - PAYG) is a robust, heavy duty, hard wearing pay-to-charge pedestal designed and manufactured for both commercial and public facing environments. This versatile future-proof unit is available in 1way or 2way, Type 2, Mode 3 IEC 62196 format, c/w hatchlock facility, built-in overload and fault current protection and a payment system operated by either coins (currency) or unique tokens.

PRODUCT CODES

- EVTM0010 – 1 x 16amp (3.6kW) Type 2 socket
- EVTM0011 – 1 x 32amp (7.2kW) Type 2 socket
- EVTM0020 – 2 x 16amp (3.6kW) Type 2 sockets
- EVTM0021 – 2 x 32amp (7.2kW) Type 2 sockets
- EVTM0012 – 1 x 16amp, 3 phase (11kW) Type 2 socket
- EVTM0013 – 1 x 32amp, 3 phase (22kW) Type 2 socket
- EVTM0022 – 2 x 16amp, 3 phase (11kW) Type 2 sockets
- EVTM0023 – 2 x 32amp, 3 phase (22kW) Type 2 sockets

EV GroupManager

The private networked EV charging system.

Allowing you to have full control and visibility of your charging network, whether it be a small network with just a few charging points or a large network covering many charging points across several sites.

Ideal for fleet management.

Via secure GSM/GPRS or Ethernet, control and monitor your charging point activity, and allow charging via pre-authorised RFID cards or fobs.

Load Manager

Electricity load management is an optional advanced software feature that can be applied to the GroupManager system.

It has been developed as an electricity load management solution for locations requiring multiple EV charging points where the charging points have a higher collective load potential than the electricity supply available to them.

GroupManager is an EV charging solution tailored for individual requirements – product codes and prices upon application.

Available across our AutoCharge, SecuriCharge and ControlCentre ranges.

EV ControlCentre

The EV ControlCentre has been designed to centrally manage localised multiple EV charging points from a single control panel.

This versatile system allows up to 18 x EV charging points/bays to be managed from the control panel, offering either free-to-use or pay-to-use (PAYG) charging options.

This system has been specially designed to be similar in operation to a car park ticket machine. The driver simply parks in the EV charge point parking bay and then, through the EV ControlCentre, initiates the electric vehicle charging procedure.

PRODUCT CODES

- EVPC0010 – 6way control centre (free-to-use)
- EVPC0020 – 12way control centre (free-to-use)
- EVPC0030 – 18way control centre (free-to-use)
- EVPC0040 – 6way control centre (keyswitch control)
- EVPC0050 – 12way control centre (keyswitch control)
- EVPC0060 – 18way control centre (keyswitch control)
- EVPC0070 – 6way control centre (coin/token control)
- EVPC0080 – 12way control centre (coin/token control)
- EVPC0090 – 18way control centre (coin/token control)

EV StreetCharge is ideal for both private and public facing EV charging.

EV StreetCharge

EV StreetCharge has been designed and developed to offer both electric vehicle charging and street lighting from the same column.

EV StreetCharge can be supplied as a whole new column or as an upgrade kit to existing street lights - there are thousands of street lights throughout the UK, many of which have sufficient electricity available to also provide electric vehicle charging,

PRODUCT CODES

- EVST0010 – 16amp Free-To-Charge
- EVST0020 – 32amp Free-To-Charge
- EVST0030 – 16amp Keyswitch control
- EVST0040 – 32amp Keyswitch control
- EVST0050 – 16amp Pay-To-Charge using your mobile phone
- EVST0060 – 32amp Pay-To-Charge using your mobile phone

BasicCharge: EV Pedestal

The BasicCharge: EV Pedestal is the brother to Rolec's world-leading Classic utility pedestal, which now boasts over 105,000 units sold worldwide. This mass produced, tried and tested pedestal is, we believe, the most affordable and adaptable EV charging pedestal in the world. This versatile pedestal offers either 1way or 2way Type 2, Mode 3 fast charging socket(s), c/w hatchlock, built-in overload & fault current protection and LED illumination.

PRODUCT CODES

- EVCL2005 – 1 x 16amp (3.6kW) Type 2 socket
- EVCL2006 – 1 x 32amp (7.2kW) Type 2 socket
- EVCL2015 – 2 x 16amp (3.6kW) Type 2 sockets
- EVCL2016 – 2 x 32amp (7.2kW) Type 2 sockets
- EVCL2024 – 1 x 16amp (3.6kW) and 1 x 32amp (7.2kW) Type 2 sockets
- EVCL2007 – 1 x 16amp, 3 phase (11kW) Type 2 socket
- EVCL2008 – 1 x 32amp, 3 phase (22kW) Type 2 socket
- EVCL2017 – 2 x 16amp, 3 phase (11kW) Type 2 sockets
- EVCL2018 – 2 x 32amp, 3 phase (22kW) Type 2 sockets
- EVCL2025 – 1 x 32amp, 1 phase (7.2kW) and 1 x 32amp, 3 phase (22kW) Type 2 sockets

StreetServ: EV Charging Post

The StreetServ: EV Charging Post is a robust, heavy duty, hard-wearing and vandal resistant EV charging solution, designed for high risk, public locations such as town centres, car parks and stadiums. This Post is available in ball top or curve top styles and provides a 1way lockaway Type 2, Mode 3 charging socket c/w hatchlock facility, built-in overload & fault current protection and 13amp maintenance socket.

PRODUCT CODES

- EVSS0010 – 16amp (3.6kW) Type 2 socket plus 13amp socket (ball top)
- EVSS0020 – 32amp (7.2kW) Type 2 socket plus 13amp socket (ball top)
- EVSS0030 – 16amp (3.6kW) Type 2 socket plus 13amp socket (curved top)
- EVSS0040 – 32amp (7.2kW) Type 2 socket plus 13amp socket (curved top)

SecuriCharge: EV Wall Unit

The SecuriCharge: EV Wall Unit is a robust, heavy duty, hard wearing, vandal resistant EV charging unit specifically designed and manufactured for public facing and exposed locations. This versatile unit charges via its Type 2 Mode 3 charging socket(s), which are securely locked away when not in use. Ideal locations include hotels, car parks, offices, factories, warehouses, restaurants, stadiums, leisure centres and retail and commercial premises. Available in 1way or 2way, 16amp (3.6kW) and 32amp (7.2kW) versions c/w hatchlock, built-in overload & fault current protection.

PRODUCT CODES

- EVSC0010 – 16amp (3.6kW) Type 2 socket
- EVSC0020 – 32amp (7.2kW) Type 2 socket
- EVSC0050 – 2 x 16amp (3.6kW) Type 2 sockets
- EVSC0060 – 2 x 32amp (7.2kW) Type 2 sockets
- EVSC0030 – 16amp (11kW) Type 2 socket
- EVSC0040 – 32amp (22kW) Type 2 socket

SecuriCharge: EV Wall Unit (Coin/Token – PAYG)

The SecuriCharge: EV Wall Unit (Coin/Token – PAYG) is a robust, heavy duty, hard wearing, vandal resistant EV charging unit specifically designed and manufactured for public facing and exposed locations, offering a simple pay-to-charge solution via its coin or token payment system. This versatile unit is available to charge in 16amp, (3.6kW) or 32amp (7.2kW) formats via its Type 2 Mode 3 charging socket, which is securely locked away when not in use. Each charging socket comes c/w hatchlock, built-in overload & fault current protection.

PRODUCT CODES

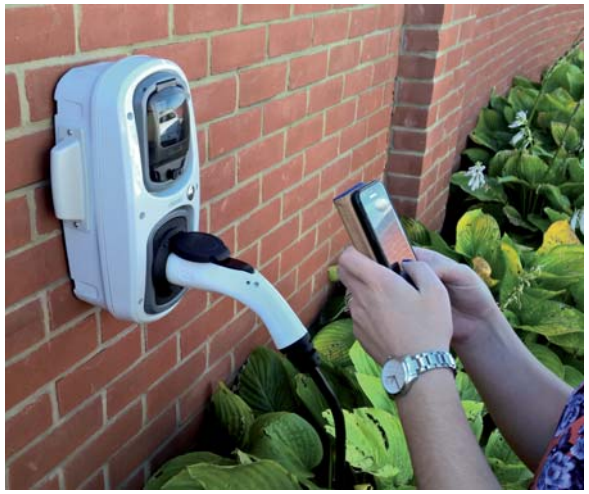
- EVSC0070 – 16amp (3.6kW) Type 2 socket c/w Coin/Token - PAYG
- EVSC0080 – 32amp (7.2kW) Type 2 socket c/w Coin/Token - PAYG
- EVSC0090 – 16amp (11kW) Type 2 socket c/w Coin/Token - PAYG
- EVSC0100 – 32amp (22kW) Type 2 socket c/w Coin/Token - PAYG

WallPod: EV HomeSmart

WallPod: EV HomeSmart has been designed to provide a Smart EV charging solution for the home. This Smart system can monitor and record all EV charging activity and history at a given property and via GPRS or WiFi communicate with the Power Portal back office to relay this information to a third party which can then be used for reporting, analysing and preparing statistics.

The EV Driver – can interact with the WallPod: EV HomeSmart charging point using their Smart phone, to switch on/off and monitor their account and kWh consumption.

The WallPod: EV HomeSmart Charging Unit – is part of the industry leading WallPod range and comes complete with built-in modem, Mode 3 controller, MID approved kWh meter, protective switchgear, electrical contactor and GPRS signal antennae if required.



The Power Portal Back Office – is a cloud-based back office designed to communicate with the EV driver via their mobile phone, the WallPod: EV HomeSmart unit and the third party management company via OCPP if required.

PRODUCT CODES

- EVHS0010 – 16amp WallPod: EV HomeSmart (GPRS connectivity options)
- EVHS0020 – 32amp WallPod: EV HomeSmart (GPRS connectivity options)
- EVHS0030 – 16amp WallPod: EV HomeSmart (WilFi LAN connectivity options)
- EVHS0040 – 32amp WallPod: EV HomeSmart (WilFi LAN connectivity options)

WallPod: EV HomeCharge

The WallPod: EV HomeCharge range is a low-cost, entry level home charging unit, designed to offer full Mode 3 fast charging to every Electric Vehicle (EV) on the market today and is available with either Type 1 or Type 2 tethered cable, or Type 2 socket, versions.

PRODUCT CODES

- EVWP1080 – 16amp (3.6kW) Type 1 tethered cable
- EVWP1140 – 32amp (7.2kW) Type 1 tethered cable
- EVWP2080 – 16amp (3.6kW) Type 2 tethered cable
- EVWP2140 – 32amp (7.2kW) Type 2 tethered cable
- EVWP2010 – 16amp (3.6kW) Type 2 socket
- EVWP2020 – 32amp (7.2kW) Type 2 socket

WallPod: EV CommercialCharge

The WallPod: EV CommercialCharge range is a low-cost, entry level commercial charging unit, designed to offer full Mode 3 fast charging to every Electric Vehicle (EV) on the market today. This charging unit has been specifically designed for charging EVs in commercial locations, such as offices, factories, restaurants, hotels, sports venues, etc., and is available in Type 1 or Type 2 tethered cable, or Type 2 socket, versions.

PRODUCT CODES

- EVWP1086 – 16amp (3.6kW) Type 1 tethered cable
- EVWP1146 – 32amp (7.2kW) Type 1 tethered cable
- EVWP2086 – 16amp (3.6kW) Type 2 tethered cable
- EVWP2146 – 32amp (7.2kW) Type 2 tethered cable
- EVWP2016 – 16amp (3.6kW) Type 2 socket
- EVWP2026 – 32amp (7.2kW) Type 2 socket
- EVWP2096 – 16amp (11kW) Type 2 tethered cable
- EVWP2156 – 32amp (22kW) Type 2 tethered cable
- EVWP2036 – 16amp (11kW) Type 2 socket
- EVWP2046 – 32amp (22kW) Type 2 socket

WallPod: EV MultiMode

The WallPod: EV MultiMode range is a low-cost, entry level home charging unit designed to offer full Mode 3, 16amp (3.6kW) or 32amp (7.2 kW) to every electric vehicle on the market today. This unit also provides an IP65 rated 13amp domestic socket, ideal for home/garden maintenance, and is available in Type 1 or Type 2 tethered cable versions.

PRODUCT CODES

- EVMM0010 – 16amp (3.6kW) Type 1 tethered cable
- EVMM0020 – 32amp (7.2kW) Type 1 tethered cable
- EVMM0030 – 16amp (3.6kW) Type 2 tethered cable
- EVMM0040 – 32amp (7.2kW) Type 2 tethered cable

WallPod: EV EconomyBoost

The WallPod: EV EconomyBoost, available in Type 1/Type 2 tethered cable or Type 2 socket versions, is a low-cost, entry level home charging unit designed to offer full Mode 3, 16amp (3.6kW) or 32amp (7.2kW) to every Electric Vehicle (EV) on the market today. This unit comes c/w time clock and boost button, allowing the charging of the EV to initiate at off-peak times/rates. The “Boost” button can be pressed to override the time clock to provide instant EV charging.

PRODUCT CODES

- EVEB0010 – 16amp (3.6kW) Type 1 tethered cable
- EVEB0020 – 32amp (7.2kW) Type 1 tethered cable
- EVEB0030 – 16amp (3.6kW) Type 2 tethered cable
- EVEB0040 – 32amp (7.2kW) Type 2 tethered cable
- EVEB0050 – 16amp (3.6kW) Type 2 socket
- EVEB0060 – 32amp (7.2kW) Type 2 socket

EV: ChargeCheck

EV: ChargeCheck has been designed to provide every electrician with the ability to confidently carry out a comprehensive and accurate test of all EV charging stations in the UK. This unique EV: ChargeCheck is designed to carry out a full range of tests on all 16amp (3.6kW) and 32amp (7.2kW) single phase, Mode 3, Type 1 and Type 2 EV charging points.

PRODUCT CODES

- EVTU0018 – 1 x EV ChargeCheck/ adapter cable/carry bag

EV CubiCharge

The EV CubiCharge range is a low cost solution designed to provide temporary Mode 3, Type 2 electric vehicle charging points in 1way, 2way, 3way and 4way formats. It provides 16amp (3.6kW) and/or 32amp (7.2kW) socket(s) to any location, including car showrooms, service centres, electric vehicle launches, promotional events, temporary EV parking areas, exhibitions, shows, etc.

Ask us about our available hiring options.

PRODUCT CODES

- EVCC0010 – 32amp, single phase inlet/32amp (7.2kW) socket
- EVCC0020 – 63amp, single phase inlet/2 x 32amp (7.2kW) sockets
- EVCC0030 – 32amp, 3 phase inlet/3 x 32amp (7.2kW) sockets
- EVCC0040 – 63amp, 3 phase inlet/4 x 32amp (7.2kW) sockets

Signs

Highlight your EV charging facility with one of our aluminium screen printed EV charging station signs.

PRODUCT CODES

- EVPS0030 – Aluminium EV A3 landscape parking sign
- EVPS0010 – Aluminium EV A4 landscape parking sign
- EVPS0020 – Aluminium EV A5 landscape parking sign

Barriers

Galvanised steel powder coated charging pedestal barriers. Black as standard, bespoke colour options available.

PRODUCT CODES

- EVCB0020 – Root mount protection barrier (48mm)
- EVCB0040 – Surface bolted protection barrier (48mm)

EV Charging Cables

Rolec EV holds Europe's largest stocks and widest range of EV charging cables and accessories to suit every EV and PHEV on the market today, including:

- Plug to plug charging cables and tethered leads
- Charging cable carry bags
- Type 2 charging sockets
- Charging station spare components
- Every charging cable and accessory you could need

PRODUCT CODES

- EVPP0140 – 5m 16A Type 2 to Type 1
- EVPP0160 – 5m 32A Type 2 to Type 1
- EVPP0163 – 10m 32A Type 2 to Type 1
- EVPP0080 – 5m 16A Type 2 to Type 2
- EVPP0100 – 5m 32A Type 2 to Type 2
- EVPP0105 – 5m 32A 3P Type 2 to Type 2

Branding

Bespoke colour and branding options are available across the majority of our range.

FOR MORE INFORMATION

Contact our sales team with your requirements